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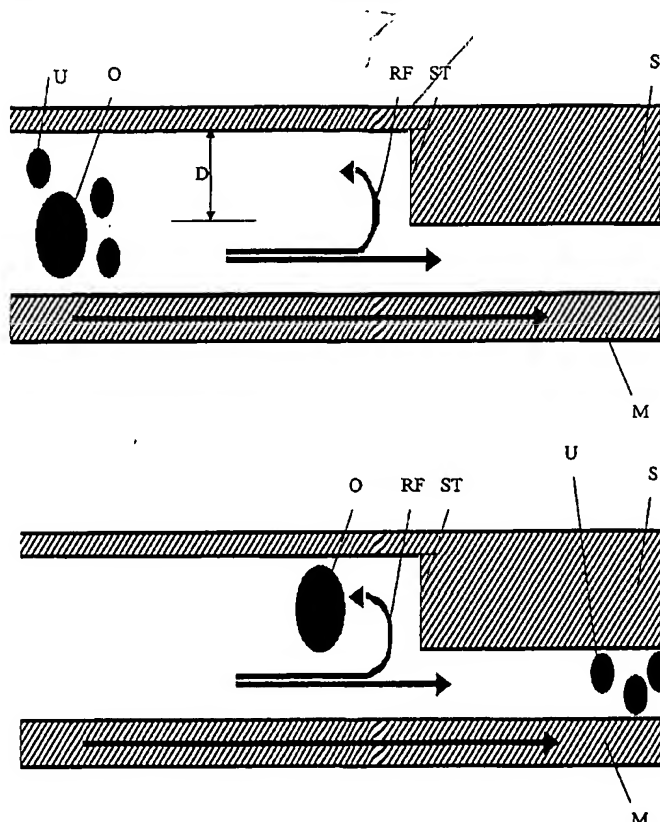
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(54) Title: METHOD AND DEVICE FOR SIZE-SEPARATING PARTICLES PRESENT IN A FLUID



(57) Abstract: The present invention relates to a method and device for separating particles in a fluid according to size comprising generating at least one recirculating flow by a) transporting a fluid containing said particles across a profiled surface carrying at least two adjacent regions of different depth which form a surface level step, wherein - the fluid is transported by mechanically moving a flat first surface over the profiled surface, - the adjacent regions of different depth are arranged such that the depth of the regions decreases in the net direction of a forward displacement of the first surface, - a normal load is applied to at least one surface, and b) allowing the separation of said particles by at least one recirculating flow generated by moving said first surface past said profiled surface.



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